

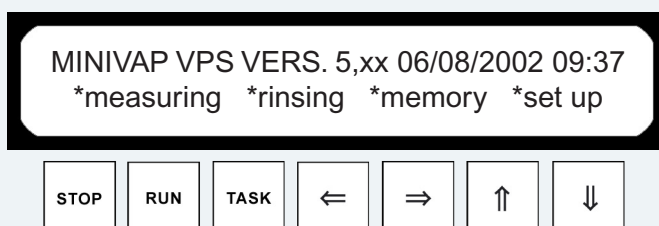


## CAUTION:

Selection of the correct Vapor Pressure Formula is CRITICAL to obtaining proper results. In most cases, the correct Vapor Pressure Formula is determined by regulatory standards. The most common formulas are listed below.

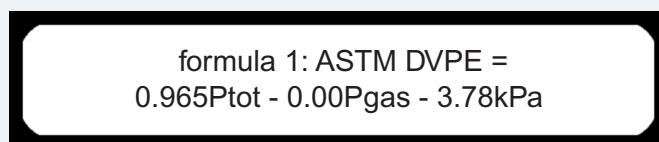
Tip 1a: Connect sample outlet elbow to sample outlet on left side of analyzer. Insert elbow into plastic waste container provided.

Tip 1b: Turn unit ON (Power switch located in back, near power cord). The following options will appear on the lower line of the screen:



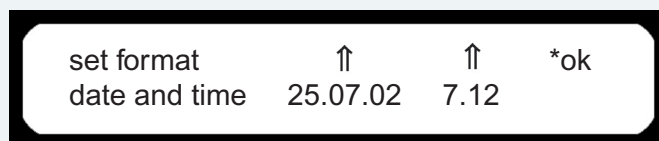
Tip 2: Move cursor with the arrow keys on the instrument until the cursor is blinking over the asterisk next to Setup, Press <TASK>.

Tip 3: The cursor will be blinking at \*STD (older Versions have DVPE blinking). Press <TASK> and the current Vapor Pressure Formula will be displayed. The cursor will be placed over the formula number by using the up and down arrow keys to allow you to change the formula. If the correct formula is not listed, refer to the manual to enter the correct calculations.



After the proper formula is selected, place the cursor over the left arrow on the upper left of the screen. Pressing <TASK> will return the user to the prior menu.

Tip 4: Move the cursor to \*clk and press <TASK>. Use the up and down arrow keys to alter the date and time and alter the format (military time, etc.) if required on the second line. After making corrections, place the cursor over \*OK and press <TASK> (Very important, changes will not be implemented otherwise).



Tip 5: The menu will automatically return to the prior screen. The second line of this screen will list 'T' and 'p' for temperature and pressure units. If you would like to change these units, move the cursor to the appropriate up/down arrow and you will be able to scroll through the available units. Place the cursor over the left arrow on the upper left of the screen and press <TASK> for the Main Menu.

Tip 6: Select \*Measuring and press <TASK> to enter Test Menu.

- Stop indicates the current test mode and is changed automatically.
- Number indicates the current sample inlet position, only change when using optional 6-place autosampler.
- Name indicates current sample name and may be changed if required by scrolling through each letter or using an optional Mini-Keyboard.  
(Changing the name does not effect test results)

- stop number: ## \*name: Methanol  
Tm=100.0 F Tc=68.0 F p=14.35 psi

- T(m) indicates measuring cell temperature and must reflect test standard requirements (usually 100 °F).
- T(°C) indicates the current temperature and is updated automatically.
- P indicates the current pressure and is updated automatically.

Tip 7: Change number, name, or test temperature if required (see manual).

Tip 8: Prepare sample according to test standard requirements.

Tip 9: Fill 10mL syringe (analyzer will utilize about 8 or 9 mLs for testing and rinsing) and place on sample inlet, OR place luer inlet tube in sample inlet and insert tube into sample.

Tip 10: Press <RUN> and analyzer will automatically draw sample, analyze for vapor pressure and empty cell. Results will automatically be displayed upon completion of testing.

Ptot indicates Total Vapor Pressure inside test chamber.

Pgas indicates the Vapor Pressure of the dissolved gas (air).

Pabs indicates the Absolute Vapor Pressure of the test sample only.

DVPE is the actual test result after formula has been applied.

Tip 11: Press <STOP> to return to Test Menu.